

**INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY
HIGHER LEVEL
PAPER 3**

SPECIMEN PAPER

1 hour 15 minutes

Candidate session number

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INSTRUCTIONS TO CANDIDATES

- Write your session number in the boxes above.
- Do not open this examination paper until instructed to do so.
- Read the case study carefully.
- Answer all the questions in the spaces provided.

Answer **all** the questions in the spaces provided.

Refer to the *N&Q Investments case study* **and** to your own related research in responding to the following questions.

1. Define the following terms:

(a) *hotspot*

[2 marks]

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(b) *https.*

[2 marks]

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2. “Hector is considering creating a home network” (*lines 35–36*). Explain the purposes of the following in the home network:

(a) SSID

[2 marks]

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(b) router

[2 marks]

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(c) switch.

[2 marks]

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- [8 marks]

Turn over

4. Betty “has been provided with a laptop computer by her local office. Unfortunately, Hector has found that her laptop has different specifications and uses different versions of software. Hector and Betty are both concerned as this will potentially cause problems in sharing and editing documents.” (*lines 46–49*)

[12 marks]

Turn over

